



# Soundvision

Version: 2025.2

Date: 2025/09/22

File name: UiPath Fusion 25 Keynote Soundvision\_4.xmlp

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Distance unit: ft.in

Scale factor: 1.000000

Weight unit: lb

Delay unit: ms

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1. Group: KARA

Gain: -2 dB

1. Source: KARA II 1

1. 1. Physical configuration

Configuration: vertical, flown array

Bumper: M-BUMP+MBAR hole A

# motors: 1

Front pickup position (X; Y; Z, ft.in): 7 (79.08; 33.10; 22.11)

Position (X; Y; Z, ft.in): 79.09; 35.00; 22.03

Site: -11.2 °

Azimuth: 5 °

Spatial dimensions (X; Y; Z, ft.in): 2.05; 3.01; 5.09

Bottom elevation: 17.07 ft.in

Top site: -11.2 °

Bottom site: -33.7 °

Total weight (Enclosures + Frames): 406.31 lb

Total enclosure weight: 337.97 lb

Front motor load: 406.31 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)	Panflex
#1	KARA II	5	-11.2	22.03	21.05	55/55
#2	KARA II	0	-11.2	21.05	20.08	55/55
#3	KARA II	1	-12.2	20.07	19.10	55/55
#4	KARA II	4	-16.2	19.10	19.00	55/55
#5	KARA II	7.5	-23.7	19.00	18.03	55/55
#6	KARA II	10	-33.7	18.03	17.07	55/55

## 1. 2. Acoustic configuration

Autofilter active - Default

Enclosure #1 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #2 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

#### Enclosure #3 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

#### Enclosure #4 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

#### Enclosure #5 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

#### Enclosure #6 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

2. Source: KARA II 2

2. 1. Physical configuration

Configuration: vertical, flown array

Bumper: M-BUMP+MBAR hole A

# motors: 1

Front pickup position (X; Y; Z, ft.in): 7 (29.09; 33.10; 22.11)

Position (X; Y; Z, ft.in): 29.09; 35.00; 22.03

Site: -11.2 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 2.05; 3.01; 5.09

Bottom elevation: 17.07 ft.in

Top site: -11.2 °

Bottom site: -33.7 °

Total weight (Enclosures + Frames): 406.31 lb

Total enclosure weight: 337.97 lb

Front motor load: 406.31 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)	Panflex
#1	KARA II	5	-11.2	22.03	21.05	55/55
#2	KARA II	0	-11.2	21.05	20.08	55/55
#3	KARA II	1	-12.2	20.07	19.10	55/55
#4	KARA II	4	-16.2	19.10	19.00	55/55

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)	Panflex
#5	KARA II	7.5	-23.7	19.00	18.03	55/55
#6	KARA II	10	-33.7	18.03	17.07	55/55

## 2. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

### Enclosure #2 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

### Enclosure #3 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

#### Enclosure #4 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

#### Enclosure #5 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

#### Enclosure #6 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

### 3. Source: KARA II 3

#### 3. 1. Physical configuration

Configuration: vertical, flown array

Bumper: M-BUMP+MBAR hole A

# motors: 1

Front pickup position (X; Y; Z, ft.in): 7 (-29.09; 33.10; 22.11)

Position (X; Y; Z, ft.in): -29.09; 35.00; 22.03

Site: -11.2 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 2.05; 3.01; 5.09

Bottom elevation: 17.07 ft.in

Top site: -11.2 °

Bottom site: -33.7 °

Total weight (Enclosures + Frames): 406.31 lb

Total enclosure weight: 337.97 lb

Front motor load: 406.31 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)	Panflex
#1	KARA II	5	-11.2	22.03	21.05	55/55
#2	KARA II	0	-11.2	21.05	20.08	55/55
#3	KARA II	1	-12.2	20.07	19.10	55/55
#4	KARA II	4	-16.2	19.10	19.00	55/55
#5	KARA II	7.5	-23.7	19.00	18.03	55/55
#6	KARA II	10	-33.7	18.03	17.07	55/55

### 3. 2. Acoustic configuration

Autofilter active - Default

Enclosure #1 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #2 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #3 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #4 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

Enclosure #5 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB



Air compensation (gain): 4.8 dB

Enclosure #6 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

4. Source: KARA II 4

4. 1. Physical configuration

Configuration: vertical, flown array

Bumper: M-BUMP+MBAR hole A

# motors: 1

Front pickup position (X; Y; Z, ft.in): 7 (-79.08; 33.10; 22.11)

Position (X; Y; Z, ft.in): -79.09; 35.00; 22.03

Site: -11.2 °

Azimuth: -5 °

Spatial dimensions (X; Y; Z, ft.in): 2.05; 3.01; 5.09

Bottom elevation: 17.07 ft.in

Top site: -11.2 °

Bottom site: -33.7 °

Total weight (Enclosures + Frames): 406.31 lb

Total enclosure weight: 337.97 lb

Front motor load: 406.31 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)	Panflex
#1	KARA II	5	-11.2	22.03	21.05	55/55
#2	KARA II	0	-11.2	21.05	20.08	55/55
#3	KARA II	1	-12.2	20.07	19.10	55/55
#4	KARA II	4	-16.2	19.10	19.00	55/55
#5	KARA II	7.5	-23.7	19.00	18.03	55/55
#6	KARA II	10	-33.7	18.03	17.07	55/55

#### 4. 2. Acoustic configuration

Autofilter active - Default

Enclosure #1 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #2 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #3 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): -0.9 dB

FIR 3 (7500 Hz): -0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 1.2 dB

Enclosure #4 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

Enclosure #5 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

Enclosure #6 - KARA II

FIR 1 (1250 Hz): -0.8 dB

FIR 2 (2500 Hz): 1 dB

FIR 3 (7500 Hz): 0.2 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 4.8 dB

2. Group: KIVA

Gain: -2 dB

1. Source: KIVA II 1

1. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (102.09; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (102.09; -8.05; 23.08)

Position (X; Y; Z, ft.in): 102.09; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

## 1. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

2. Source: KIVA II 2

2. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (79.09; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (79.09; -8.05; 23.08)

Position (X; Y; Z, ft.in): 79.09; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#4	KIVA II	15	-44.7	21.03	20.11

## 2. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 3. Source: KIVA II 3

#### 3. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (53.00; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (53.00; -8.05; 23.08)

Position (X; Y; Z, ft.in): 53.00; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb



#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

### 3. 2. Acoustic configuration

Autofilter active - Default

Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 4. Source: KIVA II 4

#### 4. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (29.04; -8.03; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (29.04; -9.08; 23.08)

Position (X; Y; Z, ft.in): 29.04; -8.00; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

#### 4. 2. Acoustic configuration

Autofilter active - Default

##### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

##### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

##### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 5. Source: KIVA II 5

#### 5. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (-29.04; -8.03; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (-29.04; -9.08; 23.08)

Position (X; Y; Z, ft.in): -29.04; -8.00; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

## 5. 2. Acoustic configuration

Autofilter active - Default

Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 6. Source: KIVA II 6

#### 6. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (-53.00; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (-53.00; -8.05; 23.08)

Position (X; Y; Z, ft.in): -53.00; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

## 6. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 7. Source: KIVA II7

#### 7. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (-79.09; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (-79.09; -8.05; 23.08)

Position (X; Y; Z, ft.in): -79.09; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb



#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

## 7. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 8. Source: KIVA II 8

#### 8. 1. Physical configuration

Configuration: vertical, flown array

Bumper: KIBU II

# motors: 2

Front pickup position (X; Y; Z, ft.in): 0 (-102.09; -7.01; 23.03)

Rear pickup position (X; Y; Z, ft.in): 13 (-102.09; -8.05; 23.08)

Position (X; Y; Z, ft.in): -102.09; -6.09; 23.00

Site: -18.7 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.09; 1.11; 2.11

Bottom elevation: 20.10 ft.in

Top site: -18.7 °

Bottom site: -44.7 °

Total weight (Enclosures + Frames): 132.28 lb

Total enclosure weight: 123.46 lb

Front motor load: 66.23 lb

Rear motor load: 66.05 lb

#	Type	Angles (°)	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KIVA II		-18.7	23.00	22.05
#2	KIVA II	1	-19.7	22.05	21.11
#3	KIVA II	10	-29.7	21.10	21.04
#4	KIVA II	15	-44.7	21.03	20.11

## 8. 2. Acoustic configuration

Autofilter active - Default

### Enclosure #1 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #2 - KIVA II

FIR 1 (1250 Hz): -1.3 dB

FIR 2 (2500 Hz): 0.2 dB

FIR 3 (7500 Hz): 0 dB

FIR 4 (20000 Hz): 0 dB

Air compensation (gain): 0 dB

### Enclosure #3 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

## Enclosure #4 - KIVA II

FIR 1 (1250 Hz): 0.2 dB

FIR 2 (2500 Hz): 0.4 dB

FIR 3 (7500 Hz): 0.7 dB

FIR 4 (20000 Hz): -1 dB

Air compensation (gain): 2.8 dB

### 3. Group: Subs

#### 1. Source: KS28 1-3

##### 1. 1. Physical configuration

Configuration: vertical, stacked array

Position (X; Y; Z, ft.in): 72.00; -6.02; 0.00

Site: -1.6 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 13.02; 2.04; 1.10

Bottom elevation: 0.00 ft.in

Top site: -1.6 °

Bottom site: -1.6 °

Total weight (Enclosures + Frames): 522.49 lb

Mechanical warnings:

#### CAUTION

Tipping hazard

L-Acoustics recommends securing the array to the ground.

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KS28	-1.6	1.10	0.00
#2	KS28	-1.6	1.10	0.00
#3	KS28	-1.6	1.10	0.00

## 1. 2. Acoustic configuration

None

## 2. Source: KS28 4-6

### 2. 1. Physical configuration

Configuration: vertical, stacked array

Position (X; Y; Z, ft.in): 30.00; -6.02; 0.00

Site: -1.6 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 13.02; 2.04; 1.10

Bottom elevation: 0.00 ft.in

Top site: -1.6 °

Bottom site: -1.6 °

Total weight (Enclosures + Frames): 522.49 lb

Mechanical warnings:

#### CAUTION

Tipping hazard

L-Acoustics recommends securing the array to the ground.

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KS28	-1.6	1.10	0.00
#2	KS28	-1.6	1.10	0.00
#3	KS28	-1.6	1.10	0.00

## 2. 2. Acoustic configuration

None

## 3. Source: KS28 7-9

### 3. 1. Physical configuration

Configuration: vertical, stacked array

Position (X; Y; Z, ft.in): -30.00; -6.02; 0.00

Site: -1.6 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 13.02; 2.04; 1.10

Bottom elevation: 0.00 ft.in

Top site: -1.6 °

Bottom site: -1.6 °

Total weight (Enclosures + Frames): 522.49 lb

Mechanical warnings:

#### CAUTION

Tipping hazard

L-Acoustics recommends securing the array to the ground.

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KS28	-1.6	1.10	0.00
#2	KS28	-1.6	1.10	0.00
#3	KS28	-1.6	1.10	0.00

### 3. 2. Acoustic configuration

None

### 4. Source: KS28 10-12

#### 4. 1. Physical configuration

Configuration: vertical, stacked array

Position (X; Y; Z, ft.in): -72.00; -6.02; 0.00

Site: -1.6 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 13.02; 2.04; 1.10

Bottom elevation: 0.00 ft.in

Top site: -1.6 °

Bottom site: -1.6 °

Total weight (Enclosures + Frames): 522.49 lb

Mechanical warnings:

#### CAUTION

Tipping hazard

L-Acoustics recommends securing the array to the ground.

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	KS28	-1.6	1.10	0.00
#2	KS28	-1.6	1.10	0.00
#3	KS28	-1.6	1.10	0.00

#### 4. 2. Acoustic configuration

None

#### 4. Group: FF Out L

##### 1. Source: X8 1

##### 1. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 104.10; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07



## 1. 2. Acoustic configuration

None

## 2. Source: X8 2

### 2. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 80.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

## 2. 2. Acoustic configuration

None

## 3. Source: X8 3

### 3. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 60.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

### 3. 2. Acoustic configuration

None

## 4. Source: X8 4

### 4. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 40.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

#### 4. 2. Acoustic configuration

None

#### 5. Group: FF Out R

##### 1. Source: X8 5

##### 1. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -40.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

## 1. 2. Acoustic configuration

None

## 2. Source: X8 6

### 2. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -60.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

### 2. 2. Acoustic configuration

None

### 3. Source: X8 7

#### 3. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -80.00; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

#### 3. 2. Acoustic configuration

None

### 4. Source: X8 8

#### 4. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -104.10; -2.06; 2.12

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.05; 0.10; 0.10

Bottom elevation: 2.07 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 26.46 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X8	0	3.05	2.07

#### 4. 2. Acoustic configuration

None

#### 6. Group: FF In

##### 1. Source: 5XT 1

##### 1. 1. Physical configuration

Configuration: vertical, flown array

Position (X; Y; Z, ft.in): 9.05; 5.01; 4.11

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 0.06; 0.06; 0.06

Bottom elevation: 4.08 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 7.72 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	5XT	0	5.02	4.08

## 1. 2. Acoustic configuration

None

## 2. Source: 5XT2

### 2. 1. Physical configuration

Configuration: vertical, flown array

Position (X; Y; Z, ft.in): 3.00; 5.01; 4.11

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 0.06; 0.06; 0.06

Bottom elevation: 4.08 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 7.72 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	5XT	0	5.02	4.08

## 2. 2. Acoustic configuration

None

## 3. Source: 5XT3

### 3. 1. Physical configuration

Configuration: vertical, flown array

Position (X; Y; Z, ft.in): -3.00; 5.01; 4.11

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 0.06; 0.06; 0.06

Bottom elevation: 4.08 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 7.72 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	5XT	0	5.02	4.08

### 3. 2. Acoustic configuration

None

## 4. Source: 5XT4



#### 4. 1. Physical configuration

Configuration: vertical, flown array

Position (X; Y; Z, ft.in): -9.05; 5.01; 4.11

Site: 0 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 0.06; 0.06; 0.06

Bottom elevation: 4.08 ft.in

Top site: 0 °

Bottom site: 0 °

Total weight (Enclosures + Frames): 7.72 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	5XT	0	5.02	4.08

#### 4. 2. Acoustic configuration

None

#### 7. Group: Foldback

##### 1. Source: X12 1

#### 1. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -14.08; 2.00; 23.00

Site: -25 °

Azimuth: 145 °

Spatial dimensions (X; Y; Z, ft.in): 1.08; 1.01; 1.07

Bottom elevation: 22.05 ft.in

Top site: -25 °

Bottom site: -25 °

Total weight (Enclosures + Frames): 44.09 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X12	-25	23.08	22.04

## 1. 2. Acoustic configuration

None

## 2. Source: X12 2

### 2. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 14.08; 2.00; 23.00

Site: -25 °

Azimuth: -145 °

Spatial dimensions (X; Y; Z, ft.in): 1.08; 1.01; 1.07

Bottom elevation: 22.05 ft.in

Top site: -25 °

Bottom site: -25 °

Total weight (Enclosures + Frames): 44.09 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X12	-25	23.08	22.04

## 2. 2. Acoustic configuration

None

## 8. Group: X12 Center

### 1. Source: X12 L

#### 1. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 14.08; 4.06; 22.12

Site: -30 °

Azimuth: -30 °

Spatial dimensions (X; Y; Z, ft.in): 1.08; 1.01; 1.07

Bottom elevation: 22.06 ft.in

Top site: -30 °

Bottom site: -30 °

Total weight (Enclosures + Frames): 44.09 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X12	-30	23.07	22.05

1. 2. Acoustic configuration

None

2. Source: X12 R

2. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): -14.08; 4.06; 22.12

Site: -30 °

Azimuth: 30 °

Spatial dimensions (X; Y; Z, ft.in): 1.08; 1.01; 1.07

Bottom elevation: 22.06 ft.in

Top site: -30 °

Bottom site: -30 °

Total weight (Enclosures + Frames): 44.09 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X12	-30	23.07	22.05

2. 2. Acoustic configuration

None

9. Source: X12 R\_Copy

## 9. 1. Physical configuration

Configuration: horizontal, flown array

Position (X; Y; Z, ft.in): 0.02; 19.00; 22.12

Site: -30 °

Azimuth: 0 °

Spatial dimensions (X; Y; Z, ft.in): 1.08; 1.01; 1.07

Bottom elevation: 22.06 ft.in

Top site: -30 °

Bottom site: -30 °

Total weight (Enclosures + Frames): 44.09 lb

#	Type	Site (°)	Top Z (ft.in)	Bottom Z (ft.in)
#1	X12	-30	23.07	22.05

## 9. 2. Acoustic configuration

None